

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) An aqueous herbicidal composition, comprising:
a glyphosate-based component selected from the group consisting of N-
(phosphonomethyl)glycine, ~~or a salt thereof~~ and salts thereof, present at a
concentration in the range of about 0.08 to 2.0 percent by weight of a ready-to-use
composition; and
a saponified or non-saponified fatty acid-based active ingredient present at a
concentration in the range of about 0.5 to less than 3.0 percent by weight of a ready-to-
use composition, said fatty acid-based active ingredient comprising a mixture of
pelargonic acid, capric acid and lauric acid or salts thereof.
2. (Currently Amended) The composition of claim 1 wherein the ~~composition~~
glyphosate-based component comprises the isopropyl amine salt of N-
(phosphonomethyl)glycine.
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3. (Currently Amended) The composition of claim 2 1 wherein said fatty acid-
based active ingredient is ~~saponified or non-saponified and is~~ comprises a mixture of
salts of pelargonic acid, capric acid and lauric acid ~~selected from the group consisting~~
~~of caprylic acid, pelargonic acid, capric acid, undecanoic acid, 10-undecanoic acid,~~
~~lauric acid, oleic acid, and mixtures thereof.~~
4. (Withdrawn - Currently Amended) The composition of claim 2 23 wherein
said fatty acid-based active ingredient is ~~saponified or non-saponified and is~~ comprises
a mixture of salts of pelargonic acid, capric acid, lauric acid and a salt of a fatty acid
mixture selected from the group consisting of soybean fatty acid and coconut fatty acid.
5. (Currently Amended) The composition of claim 4 23 wherein ~~the saponified~~
said fatty acid-based active ingredient is comprises a mixture of salts of pelargonic acid,
capric acid and lauric acid selected from the group consisting of ~~partial or complete~~
sodium salts, potassium salts, and other metal salts; and ammonium salts.

6. (Currently Amended) The composition of claim 2 1 wherein said fatty acid-based active ingredient additionally comprises ~~pelargonic acid~~ and an emulsifier component.

Claims 7-10 (Canceled).

11. (Previously Presented) A method of controlling the growth of unwanted vegetation, comprising the step of applying the herbicidal composition of claim 1 to the unwanted vegetation at a volume of 47 to 374 liters per hectare.

12. (Currently Amended) The composition of claim 2 1 wherein the said fatty acid-based active ingredient comprises a mixture of the sodium or potassium salts of pelargonic acid, capric acid and lauric acid, the fatty acid salts being present at a weight ratio of about 1:1:2.

Claims 13-22 (Canceled).

23. (New) The composition of claim 3 wherein said fatty acid-based active ingredient additionally comprises a salt of a fatty acid selected from the group consisting of caprylic acid, undecanoic acid, 10-undecanoic acid, oleic acid and mixtures thereof.

24. (New) An aqueous herbicidal composition, comprising:
a glyphosate-based component selected from the group consisting of N-(phosphonomethyl)glycine and salts thereof, present at a concentration in the range of about 0.08 to 2.0 percent by weight of a ready-to-use composition; and
a saponified or non-saponified fatty acid-based active ingredient present at a concentration in the range of about 0.5 to less than 3.0 percent by weight of a ready-to-use composition, said fatty acid-based active ingredient comprising a mixture of pelargonic acid, capric acid and caprylic acid or salts thereof.

25. (New) The composition of claim 24 wherein the glyphosate-based component comprises the isopropyl amine salt of N-(phosphonomethyl)glycine.

26. (New) The composition of claim 24 wherein said fatty acid-based active ingredient comprises a mixture of salts of pelargonic acid, capric acid and caprylic acid.

27. (New) The composition of claim 26 said fatty acid-based active ingredient additionally comprises a salt of a fatty acid selected from the group consisting of undecanoic acid, 10-undecanoic acid, lauric acid, oleic acid and mixtures thereof.

28. (New) The composition of claim 26 wherein said fatty acid-based active ingredient comprises a mixture of salts of pelargonic acid, capric acid, caprylic acid and a salt of a fatty acid mixture selected from the group consisting of soybean fatty acid and coconut fatty acid.

29. (New) The composition of claim 26 wherein said fatty acid-based active ingredient comprises a mixture of salts of pelargonic acid, capric acid and caprylic acid selected from the group consisting of sodium salts, potassium salts, other metal salts and ammonium salts.

30. (New) The composition of claim 24 wherein said fatty acid-based active ingredient additionally comprises an emulsifier component.

31. (New) A method of controlling the growth of unwanted vegetation, comprising the step of applying the herbicidal composition of claim 24 to the unwanted vegetation at a volume of 47 to 374 liters per hectare.
